

PLUS Search Results for S/N 10631911, Searched April 18, 2005

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

5402543
5954696
6235007
4353048
4404006
4611591
4792097
4861617
5366275
5433194
6021776
3696932
3793810
4140105
4270052
4278084
4280505
4298358
4338267
4344144
4350477
4370986
4375813
4386948
4394578
4402569
4437461
4452242
4452239
4465485
4515606
4534360
4566452
4587966
4607634
4630485
4774941
4809706
4846153
4886055
4926859
4938750
4944726
4955874
5005180
5013303
5060514
5183037
5201714
5211633

10631911_WEST.txt

(5402543 5954696 6235007 4353048 4404006 4611591 4792097 4861617 5366275 5433194
6021776 3696932 3793810 4140105 4270052 4278084 4280505 4298358 4338267 4344144
4350477 4370986 4375813 4386948 4394578 4402569 4437461 4452242 4452239 4465485
4515606 4534360 4566452 4587966 4607634 4630485 4774941 4809706 4846153 4886055
4926859 4938750 4944726 4955874 5005180 5013303 5060514 5183037 5201714 5211633).pn.

10631911_EAST.txt

(5402543
5954696
6235007
4353048
4404006
4611591
4792097
4861617
5366275
5433194
6021776
3696932
3793810
4140105
4270052
4278084
4280505
4298358
4338267
4344144
4350477
4370986
4375813
4386948
4394578
4402569
4437461
4452242
4452239
4465485
4515606
4534360
4566452
4587966
4607634
4630485
4774941
4809706
4846153
4886055
4926859
4938750
4944726
4955874
5005180
5013303
5060514
5183037
5201714
5211633).pn.

10631911_CLS.txt
Most Frequently Occurring Classifications of Patents Returned
From A Search of 10631911 on April 18, 2005

Original Classifications

2 128/200.21
2 128/205.24

Cross-Reference Classifications

5 261/DIG 65
4 128/205.24
3 128/205.12
3 604/126
2 128/200.13
2 128/200.14
2 128/200.18
2 128/200.21
2 128/204.21
2 128/DIG 12
2 210/445
2 604/131
2 606/10

Combined Classifications

6 128/205.24
5 261/DIG 65
4 128/200.21
4 128/205.12
4 604/126
3 128/200.14
2 55/502
2 96/6
2 128/200.13
2 128/200.18
2 128/202.22
2 128/203.25
2 128/204.21
2 128/DIG 12
2 210/445
2 239/338
2 600/538
2 604/131
2 606/10

Titles of Most Frequently Occurring Classifications of Patents Returned
From A Search of 10631911 on April 18, 2005

6 128/205.24 (2 OR, 4 XR)
Class 128 : SURGERY
128/200.24 RESPIRATORY METHOD OR DEVICE
128/204.18 .Means for supplying respiratory gas under
positive pressure
128/205.24 ..Valve, or valve control, structure

5 261/DIG 65 (0 OR, 5 XR)
Class 261 : GAS AND LIQUID CONTACT APPARATUS
261/DIG 65 Vaporizers

4 128/200.21 (2 OR, 2 XR)
Class 128 : SURGERY
128/200.14 LIQUID MEDICAMENT ATOMIZER OR SPRAYER
128/200.21 .Gas stream aspirating medicament from
reservoir

4 128/205.12 (1 OR, 3 XR)
Class 128 : SURGERY
128/200.24 RESPIRATORY METHOD OR DEVICE
128/204.18 .Means for supplying respiratory gas under
positive pressure
128/205.12 ..Means for removing substance from respiratory
gas

4 604/126 (1 OR, 3 XR)
Class 604 : SURGERY
604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FROM
BODY FOR THERAPEUTIC PURPOSES (E.G., MEDICATING,
IRRIGATING, ASPIRATING, ETC.)
604/48 .Treating material introduced into or removed
from body orifice, or inserted or removed
subcutaneously
other than by diffusing through skin
604/93.01 ..Material introduced or removed through
conduit, holder, or implantable reservoir inserted in
body
604/122 ...Having means for eliminating and/or
preventing injection of air into body
604/126By hydrophilic or hydrophobic filters

3 128/200.14 (1 OR, 2 XR)
Class 128 : SURGERY
128/200.14 LIQUID MEDICAMENT ATOMIZER OR SPRAYER

2 55/502 (1 OR, 1 XR)
Class 055 : GAS SEPARATION
55/490 WITH MEANS SECURING OR RETAINING SEPARATING
MEDIA
55/495 .Unit or cohesive sheet-like media in flow line
or frame
55/502 ..Gasket or sealing means

2 96/6 (1 OR, 1 XR)
Class 096 : GAS SEPARATION: APPARATUS
96/4 APPARATUS FOR SELECTIVE DIFFUSION OF GASES
(E.G., SEMIPERMEABLE MEMBRANE, ETC.)
96/6 .Membrane to degasify liquid

- 2 128/200.13 (0 OR, 2 XR)
 Class 128 : SURGERY
 128/200.11 MEANS FOR PASSING RESPIRATORY GAS THROUGH BODY
 OF LIQUID BEFORE INHALATION
 128/200.13 .Plural orifice means passing gas into liquid
- 2 128/200.18 (0 OR, 2 XR)
 Class 128 : SURGERY
 128/200.14 LIQUID MEDICAMENT ATOMIZER OR SPRAYER
 128/200.18 .Spray impinged against baffle in or adjacent
 flow conduit
- 2 128/202.22 (1 OR, 1 XR)
 Class 128 : SURGERY
 128/200.24 RESPIRATORY METHOD OR DEVICE
 128/202.22 .Means for indicating improper condition of
 apparatus
- 2 128/203.25 (1 OR, 1 XR)
 Class 128 : SURGERY
 128/200.24 RESPIRATORY METHOD OR DEVICE
 128/203.12 .Means for mixing treating agent with
 respiratory gas
 128/203.25 ..Means for varying treating agent/respiratory
 gas ratio
- 2 128/204.21 (0 OR, 2 XR)
 Class 128 : SURGERY
 128/200.24 RESPIRATORY METHOD OR DEVICE
 128/204.18 .Means for supplying respiratory gas under
 positive pressure
 128/204.21 ..Electric control means
- 2 128/DIG 12 (0 OR, 2 XR)
 Class 128 : SURGERY
 128/DIG 12 PRESSURE INFUSION
- 2 210/445 (0 OR, 2 XR)
 Class 210 : LIQUID PURIFICATION OR SEPARATION
 210/348 FILTER
 210/435 .Within flow line or flow line connected close
 casing
 210/445 ..Clamped in casing joint
- 2 239/338 (1 OR, 1 XR)
 Class 239 : FLUID SPRINKLING, SPRAYING, AND DIFFUSING
 239/302 INCLUDING SUPPLY HOLDER FOR MATERIAL
 239/337 .Fluid pressure discharge means
 239/338 ..Material atomized in holder (e.g., nebulizer)
- 2 600/538 (1 OR, 1 XR)
 Class 600 : SURGERY
 600/300 DIAGNOSTIC TESTING
 600/529 .Respiratory
 600/538 ..Measuring breath flow or lung capacity
- 2 604/131 (0 OR, 2 XR)
 Class 604 : SURGERY
 604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FROM
 BODY FOR THERAPEUTIC PURPOSES (E.G., MEDICATING,

10631911_CLSTITLES.txt

IRRIGATING, ASPIRATING, ETC.)

604/48 .Treating material introduced into or removed
subcutaneously from body orifice, or inserted or removed
other than by diffusing through skin
604/93.01 ..Material introduced or removed through
body conduit, holder, or implantable reservoir inserted in
604/131 ...Treating material forced into or out of body
mechanical by self-acting fluid pressure, motor-driven, or
energy storing means (e.g., pressure infusion or
aspiration, etc.)

2 606/10 (0 OR, 2 XR)
Class 606 : SURGERY
606/1 INSTRUMENTS
606/2 .Light application
606/10 ..Systems

ability 1
 about 10
 above 3
 abstract 1
 abuse 8
 accept 2
 acceptance 12
 accepting 1
 access 7
 accessed 1
 accessing 2
 accommodate 1
 accordance 53
 act 1
 activated 1
 activating 3
 activation 6
 activities 1
 actuating 1
 actuation 1
 acutely 1
 adapted 2
 added 1
 addition 4
 additional 4
 address 1
 administered 5
 administration 51
 admixture 1
 aed 2
 af 2
 after 5
 aga 1
 again 2
 against 1
 agent 1
 agents 1
 air 17
 aligned 1
 allegedly 1
 allow 1
 along 3
 also 8
 alternative 2
 alternatives 1
 ambient 2
 ambulance 1
 ambulances 1
 amnesia 4
 amnesic 1
 amount 26
 an 43
 analgesia 5
 analgesic 4
 analysis 2
 analyzing 1
 and 183
 anesthesia 2
 anesthetic 9
 anot 1
 another 42
 anterograde 1
 anterograde 4

anxiety 5
 anxiolysis 4
 anxiolytic 1
 any 2
 apparatus 54
 applicable 1
 application 12
 applied 1
 apply 1
 approval 3
 approved 1
 are 16
 area 1
 argon 1
 arrays 3
 arrhythmia 4
 art 1
 as 41
 aspect 6
 aspects 2
 assemblies 3
 assembly 10
 assist 1
 associated 2
 asthma 1
 at 28
 atrial 19
 attachable 1
 attached 2
 attachment 1
 attitude 1
 attractive 2
 august 1
 automatic 2
 available 2
 background 2
 bag 1
 base 3
 based 7
 basis 6
 bathing 1
 be 25
 bearing 3
 because 2
 been 8
 before 1
 begin 1
 being 4
 below 2
 benefit 3
 between 4
 blender 6
 blenders 1
 blending 2
 block 7
 boc 1
 body 11
 both 1
 bottom 2
 breaching 1
 breath 1
 breathable 1
 breathing 7

brief 1
bursts 1
but 1
by 30
cal 2
can 12
canister 2
cannot 1
cannula 5
capability 2
carbon 2
cardiac 8
cardioverter 2
care 4
carried 1
carrying 4
cartridge 41
cartridges 15
case 7
cassette 43
causing 2
ccordance 1
center 1
certain 4
chamber 8
chambers 1
characterized 1
claims 1
clinics 1
closable 1
closed 5
closing 1
cm 1
co 6
coa 1
coded 1
cold 1
collecting 1
collection 1
collective 1
collectively 1
colors 1
combined 1
combines 1
commercial 1
compact 1
compatible 2
comply 1
component 4
components 3
composition 3
compositions 1
compressed 50
comprise 1
comprises 34
comprising 11
concerning 1
concerns 1
conditions 1
configuration 6
connect 1
connectable 2
connected 2

connecting 25
connection 12
conscious 1
consciousness 1
conservative 1
considered 1
considers 1
constructs 1
consumable 1
contacts 1
container 2
containers 1
containing 17
content 6
contents 3
contractions 1
control 22
controlling 5
controls 1
cooperatively 2
correct 2
corresponding 6
cost 2
create 1
criteria 3
critical 1
cross 23
cylinder 3
cylinders 9
daily 1
dangers 1
date 1
day 1
def 2
defibrillating 3
defibrillation 11
defibrillator 2
defibrillators 1
defined 2
deliver 1
delivered 1
delivering 9
delivers 1
delivery 28
demand 6
dental 1
described 3
describes 1
description 3
desirable 1
detailed 1
detect 1
detecting 1
determined 1
device 27
devices 6
diagram 10
different 3
dioxide 2
direct 1
disassembled 2
disclosed 3
discloses 17

disclosure 2
 discovery 1
 discusses 1
 discussion 1
 disk 9
 dispenser 1
 displaced 2
 disposable 1
 disposed 8
 dissipate 1
 dissolved 1
 distance 1
 distributors 1
 doc 1
 does 2
 dose 7
 drawings 2
 drug 8
 drugs 1
 due 2
 duration 1
 during 5
 each 1
 ease 1
 easily 1
 easing 4
 easy 2
 effect 3
 effective 2
 effects 2
 eight 1
 either 3
 electrical 3
 elements 1
 elevational 61
 elevationalz 1
 embodiment 91
 embodiments 1
 emergency 4
 end 6
 energy 1
 engage 2
 engages 2
 enhanced 1
 ent 1
 entering 1
 entirety 1
 entonox 2
 entrain 1
 entry 1
 environment 1
 equal 2
 equipment 1
 er 1
 era 1
 erably 3
 ernbodiment 1
 etc 1
 ether 2
 even 1
 example 4
 examples 4
 exception 1

exists 1
exploded 2
extent 1
external 2
eye 1
face 3
fact 2
fail 1
far 1
fda 4
features 1
female 2
fibrillation 7
field 1
fig 94
figs 2
figures 1
filed 1
filing 1
first 28
fixed 1
flammability 1
flow 4
follows 2
food 1
for 141
form 5
former 1
forming 1
from 34
front 12
fully 1
function 1
functional 4
functioning 1
further 4
furthermore 2
gas 252
gases 29
general 1
generally 4
generated 1
grade 2
grams 1
had 1
hand 3
handheld 1
handling 1
hard 1
has 4
have 9
having 5
hazardous 1
he 3
health 1
heart 1
heating 4
held 2
heliox 1
helium 4
herein 2
high 1
highly 2

historically 1
history 1
holder 1
holding 1
home 6
homogeneous 2
hospitals 1
hours 1
housing 101
ibrillation 2
ically 1
icb 1
icd 3
icds 1
if 3
ia 1
ib 1
illustrate 1
illustrates 1
immediately 3
implant 1
implantab 1
implantable 1
implanted 1
implants 1
impossible 1
in 145
inability 1
includ 1
include 9
included 1
includes 43
including 20
inclusion 1
incorporated 1
incorporates 2
incw 1
indicia 4
inducing 1
industry 1
inert 2
influence 1
inhalant 2
inhalation 9
inhale 2
inhaler 1
inhaling 1
injured 1
inlet 1
input 6
insensitive 1
inserted 4
insertion 3
instead 1
intake 1
intended 3
interconnecting 1
interface 8
intermediate 1
internal 1
international 2
into 7
invention 86

involved 2
ioa 1
iob 1
ioc 1
irregularity 1
is 70
issues 2
it 5
its 3
itself 1
key 7
keys 6
kit 1
known 4
large 6
last 1
latter 1
least 15
leaving 1
less 5
letters 1
levels 1
lever 1
life 1
light 1
like 4
likely 1
limited 1
limiting 2
linde 1
liquefied 1
liquid 4
listed 1
lives 1
ll 1
llb 1
location 3
locations 2
long 3
lower 31
machine 4
made 1
major 2
making 1
male 2
management 4
manner 2
marketing 1
mas 1
mask 3
mass 1
match 1
matching 1
materials 1
matrx 1
matter 1
may 7
means 114
measurqs 1
mechanism 3
mechanisms 1
med 2
medical 129

medically 2
medication 2
medimix 1
meet 1
meets 1
member 22
members 2
membranes 1
metal 1
metered 1
method 18
methods 5
minute 1
minutes 9
misuse 6
mixed 1
mixes 1
mixing 2
mixture 7
mixtures 9
mode 1
mole 1
more 4
most 3
mountable 5
mounted 8
mounting 14
mouth 1
movable 1
moving 2
mucous 1
multi 2
multiple 1
myocardium 1
namely 1
nature 1
nda 1
necessary 1
neck 1
ned 1
need 6
needle 5
needlepoint 1
neon 1
never 1
new 2
nf 1
ng 3
nitric 3
nitrogen 2
nitronox 2
nitrous 13
nk 1
no 20
non 4
nonaddictive 1
none 1
normal 6
nose 1
not 9
notify 1
now 1
number 1

numbers 1
nzo 1
oa 2
ob 1
objects 2
obtaining 1
of 456
ompressed 1
on 18
once 1
one 47
only 6
onset 1
openable 1
opening 2
operate 1
operation 8
operational 1
or 44
order 2
other 13
ounces 2
outlet 1
outlets 1
outpatient 5
outpatients 2
output 4
outright 1
outside 1
over 1
overall 1
overdosing 2
own 1
oxide 16
oxygen 18
oz 1
package 1
packaged 1
packaging 1
page 27
pain 5
pair 1
partial 2
partially 24
particular 4
particularly 2
pat 1
patent 24
patentee 1
patient 92
patients 4
per 1
percent 2
period 5
periods 2
permitted 1
permitting 1
person 1
personal 1
personnel 2
persons 1
perspective 9
pf 1

pharmaceutical 1
pharmaceuticals 2
phobia 1
physical 1
pin 1
place 1
plug 4
plurality 17
port 6
portable 10
portion 42
portions 1
position 5
positioning 6
possibility 1
potential 3
pounds 2
powdered 1
ppm 1
practical 1
precise 1
predeterm 1
predetermined 32
pref 3
preferably 16
preferred 30
premixed 1
prescribed 1
presence 1
present 80
pressure 22
pressuri 1
pressurized 5
preventing 1
pricing 1
primarily 2
prior 7
problems 1
procedure 1
procedura 1
procedures 2
produce 1
produces 4
producing 1
product 5
products 1
professional 1
professionals 1
propellant 2
property 2
provide 4
provided 3
provides 5
providing 17
provisional 1
pseudo 1
psi 1
psig 2
puncturable 1
puncture 1
punctured 2
puncturing 11
pure 1

purposes 7
qqq 1
quality 1
quantified 1
quickly 2
randomized 1
ranging 1
rapid 3
rapidly 1
rarely 1
rate 2
readily 1
realized 2
reason 2
reasons 2
rebreathing 1
receiving 3
recreational 6
reduce 1
reduced 4
reducing 4
reduction 1
refer 1
referably 1
reference 2
refers 1
refilling 2
regarding 1
regulated 1
regulation 1
regulations 1
regulator 2
regulators 3
regulatory 3
related 2
relatively 3
relaxation 1
release 3
released 1
releases 1
releasing 4
remaining 1
removable 11
removably 3
removed 2
render 1
renders 1
replaced 2
representation 2
require 2
required 5
requires 3
reservoir 1
resistant 4
respect 1
respiration 4
resume 1
return 2
returns 1
rhythm 5
right 1
risk 1
rom 2

room 6
rotatably 2
rotating 4
routine 1
safe 2
safety 4
said 7
schematic 48
science 1
seal 2
sealable 1
sealably 1
sealed 7
sealing 8
sealingly 1
second 27
section 1
sectional 22
security 1
selecting 1
self 8
sens 1
sensed 5
sensing 6
sensor 7
sensorium 1
separable 1
separate 5
serve 1
services 1
several 4
shipment 1
shock 8
short 4
showing 3
shown 35
side 41
significant 3
similar 2
single 6
sites 1
six 2
size 3
slidable 2
sliding 1
small 3
smoking 2
so 6
soft 3
sold 1
some 2
sometimes 1
source 2
sources 1
specialized 4
specif 1
specific 4
spindle 2
spontaneous 1
stand 1
standard 2
standardized 1
start 1

stated 1
states 1
storing 2
stress 2
strongly 1
structural 1
subject 1
subsequent 3
subsequently 1
substantially 3
substitute 1
such 27
sufficient 2
suitable 1
summary 1
superimposed 1
supervised 1
supervision 2
supplied 1
supplies 2
supply 31
supplying 6
supporting 1
surface 5
surgery 1
surgical 1
system 53
systems 2
systems 5
tachycardia 1
take 1
tamper 4
tank 1
targets 1
temperature 1
term 4
terminates 2
terminating 4
terms 2
than 6
that 22
the 763
theft 1
their 6
themselves 1
then 2
therapeutic 43
therapy 2
there 3
thereby 2
therefor 1
therefore 3
therein 1
thereof 6
thereto 1
therewith 1
these 8
they 2
this 19
those 1
thread 2
threaded 4
threads 1

three 1
through 3
tight 1
time 3
timer 1
tn 1
to 107
top 11
total 1
tp 1
traceability 1
traceable 3
trackable 3
trademark 1
traditional 1
trained 1
transfer 1
transferring 2
transport 1
transportable 1
treatment 5
tube 1
tubing 1
twice 1
two 2
type 1
types 1
unacceptable 2
under 2
undergone 1
unit 7
united 1
unlikely 1
up 2
upon 4
upper 45
usable 2
use 21
used 15
uses 1
using 5
usp 1
usually 1
utilize 2
utilized 1
utilizes 1
value 2
valve 12
valves 3
vapor 1
variant 4
various 2
ventricular 10
version 1
very 1
vessel 1
vf 3
view 52
volumes 4
wall 4
weight 6
well 3
when 11

where 3
whereby 13
whether 1
which 40
while 1
who 1
whose 1
why 2
will 3
with 91
within 27
wo 2
work 1
would 2
xe 4
xenon 6
yet 1
zed 1